

Substitute for form 1449/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/619,454-Conf. #7700		
		Filing Date	July 16, 2003		
		First Named Inventor	Cheryl Fitzer-Atlas		
		Art Unit	1649		
		Examiner Name	S. H. Standley		
Sheet	1	of	4	Attorney Docket Number	20555/1203432-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
SS	AA*	US-4,582,788	04-15-1986	Erich	
SS	AB*	US-4,683,202-B1	07/1987	Mullis	
SS	AC*	US-20040043935-A1	03-04-2004	Frangione et al.	
SS	AD*	US-20030166558-A1	09-04-2003	Frangione et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
SS	BA	WO-99/27944	06-10-1999	Athena Neurosciences Inc et al.		
SS	BB	WO-00/72876	12-07-2000	Neuralab Ltd et al.		
SS	BC	WO-0190182	11-29-2001	Univ New York et al.		
SS	BD	WO-03/045128	06-05-2003	Univ New York et al.		

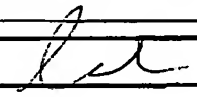
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
SS	CA	Bauer, J. et al. "Inflammation in the nervous system: the human perspective". 2001 Glia 36: 235-243.			
SS	CB	Blen, C.G., et al. "Destruction of neurons by cytotoxic T cells: a new pathogenic mechanism in Rasmussen's encephalitis." Ann Neurol 2002 March; 51(3):311-8			
SS	CC	Blasko I, et al., "B TNFalpha plus IFNgamma induce the production of Alzheimer beta-amyloid peptides and decrease the secretion of APPs." FASEB J 1999 January; 13(1):63-8			
SS	CD	Buscighio, J. et al. "Generation of beta-amyloid in the secretory pathway in neuronal and nonneuronal cells." (1993) Proc Natl Acad Sci USA 90:2092-2096			
SS	CE	Buus S, et al., "Receptor-ligand interactions measured by an improved spun column chromatography technique. A high efficiency and high throughput size separation method." Biochim Biophys Acta. Apr. 13, 1995; 1243(3):453-60.			
SS	CF	Check, E. "Nerve inflammation halts trial for Alzheimer's drug." Nature. Jan. 31, 2002;415(6871):462.			
SS	CG	Gay, F. W. et al. "The application of multifactorial cluster analysis in the staging of plaques in early multiple sclerosis. Identification and characterization of the primary demyelinating lesion."			

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		Brain. 1997 August;120 (Pt 8):1461-83.	
SS	CH	Geddes, J. W. et al, "N-terminus truncated beta-amyloid peptides and C-terminus truncated secreted forms of amyloid precursor protein: distinct roles in the pathogenesis of Alzheimer's disease." <i>Neurobiol Aging</i> . 1999 20(1):75-9	
SS	CI	Glenner, G. G. and Wong, C. W. "Alzheimer's disease: initial report of the purification and characterization of a novel cerebrovascular amyloid protein." (1984) <i>Biochem Biophys Res Commun</i> 120:885-890.	
SS	CJ	Griffin D E, et al. "The immune response in viral encephalitis." <i>Semin Immunol</i> 1992 April; 4(2):111-9.	
SS	CK	Haass, C. et al. "Amyloid beta-peptide is produced by cultured cells during normal metabolism." (1992) <i>Nature</i> 359:322-325	
SS	CL	Haas, C. et al, "Mutations associated with a locus for familial Alzheimer's disease result in alternative processing of amyloid b-protein precursor." <i>J Biol. Chem.</i> 269, 17741-17748.	
SS	CM	Higgins, L.S. et al, "p3 b amyloid peptide has a unique and potentially pathogenic immunohistochemical profile in Alzheimer's disease brain." <i>Am J. Pathol</i> 149, 585-598.	
SS	CN	Janus, C. et al. "A beta peptide immunization reduces behavioural impairment and plaques in a model of Alzheimer's disease." 2000 <i>Nature</i> 408, 979-982.	
SS	CO	Joachim, C. L. et al. "Protein chemical and immunocytochemical studies of meningovascular beta-amyloid protein in Alzheimer's disease and normal aging." (1988) <i>Brain Res</i> 474:100-111	
SS	CP	Kang, J. et al. "The precursor of Alzheimer's disease amyloid A4 protein resembles a cell-surface receptor." <i>Nature</i> . Feb. 19-25, 1987; 325(6106):733-6	
SS	CQ	Kimura, T. & Griffin, D. E., "The role of CD8(+) T cells and major histocompatibility complex class I expression in the central nervous system of mice infected with neurovirulent Sindbis virus." <i>J Virol</i> 2000 July; 74(13):6117-25	
SS	CR	Lalowski M et al., "The "nonamyloidogenic" p3 fragment (amyloid beta17-42) is a major constituent of Down's syndrome cerebellar preamyloid." 1996 <i>J Biol Chem</i> 271(52):33623-31	
SS	CS	Lamer, A. J. "Hypothesis: amyloid b peptides truncated at the N-terminus contribute to the pathogenesis of Alzheimer's disease." <i>Neurobiol. Of Aging</i> 20, 65-69.	
SS	CT	Marx, F., "Transfected human B cells: a new model to study the functional and immunostimulatory consequences of APP production." <i>Exp Gerontol</i> 1999 September; 34(6):783-95	
SS	CU	Morgan, D., et al. "A beta peptide vaccination prevents memory loss in an animal model of Alzheimer's disease." 2000 <i>Nature</i> 408, 982-985.	
SS	CV	Mori, H. et al. "Mass spectrometry of purified amyloid beta protein in Alzheimer's disease." (1992) <i>J Biol Chem</i> 267:17082-17086.	
SS	CW	Naslund, J. et al. "Relative abundance of Alzheimer A beta amyloid peptide variants in Alzheimer disease and normal aging." (1994) <i>Proc Natl Acad Sci USA</i> 91:8378-8382.	
SS	CX	Neumann, H. et al. "Major histocompatibility complex (MIC) class I gene expression in single neurons of the central nervous system: differential regulation by interferon (IFN)-gamma and tumor necrosis factor (TNF)-alpha." 1997 <i>J Exp Med</i> 185: 305-316.	

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SS	CY	Oldstone, M. B. & Southern, P. J., "Trafficking of activated cytotoxic T lymphocytes into the central nervous system: use of a transgenic model." 1993 J Neuroimmunol 46:25-31	
SS	CZ	Ostergaard Pedersen L., et al, "Efficient assembly of recombinant major histocompatibility complex class I molecules with preformed disulfide bonds." Eur J. Immunol. 2001 October; 31(10):2986-96	
SS	CA1	Parker, K. C., et al, "Scheme for ranking potential HLA-A2 binding peptides based on independent binding of individual peptide side-chains." J. Immunol. 152:163.	
SS	CB1	Pike, C.J., et al, "Amino-terminal deletions enhance aggregation of P-amyloid peptides in vitro". J Biol Chem 270, 23895-8.	
SS	CC1	Prelli, F. et al. "Differences between vascular and plaque core amyloid in Alzheimer's disease." (1988) J Neurochem 51:648-651	
SS	CD1	Rammensee, Hans-Georg, et al. "SYFPEITHI: database for MHC ligands and peptide motifs." Immunogenetics (1999) 50: 213-219 (access via: http://www.uni-tuebingen.de/uni/kdi/)	
SS	CE1	Reche, P.A., et al. "Prediction of MHC Class I Binding Peptides Using Profile Motifs." Human Immunology 63, 701-709 (2002).	
SS	CF1	Roher, A. E. et al. "beta-Amyloid-(1-42) is a major component of cerebrovascular amyloid deposits: Implications for the pathology of Alzheimer disease." (1993) Proc Natl Acad Sci USA 90:10836-10840	
SS	CG1	Schenk, D. et al. "Immunization with amyloid-beta attenuates Alzheimer-disease-like pathology in the PDAPP mouse." 1999 Nature 400, 173-177.	
SS	CH1	Seubert, P. et al. "Isolation and quantification of soluble Alzheimer's beta-peptide from biological fluids." (1992) Nature 359:325-327	
SS	CI1	Stumolo, T., et al., "Generation of tissue-specific and promiscuous HLA ligand database using DNA microarrays and virtual HLA class II matrices." Nat. Biotechnol. 17, 555-561(1999)	
SS	CJ1	Tekirian, T.L., "Commentary: Abeta N-Terminal Isoforms: Critical contributors in the course of AD pathophysiology." J Alzheimers Dis. 2001 April; 3(2):241-248.	
SS	CK1	Traugott, U. "Multiple sclerosis: relevance of class I and class II MHC-expressing cells to lesion development." 1987 J Neuroimmunol 16: 283-302.	
SS	CL1	Vass, K. & Lassmann, H. "Intrathecal application of interferon gamma. Progressive appearance of MHC antigens within the rat nervous system." 1990 Am J. Pathol 137: 789-800.	
SS	CM1	Scharf et al., "Direct Cloning and Sequence Analysis of Enzymatically Amplified Genomic Sequences." Science, Vol. 233, No. 4768, pp. 1076-1078	
SS	CN1	Cox et al., "HLA-DR Typing "at the DNA Level": RFLPs and Subtypes Detected with a DRB3 cDNA Probe." Am. J. Hum. Gen., 43:954-963, 1988	
SS	CO1	Tiercy, Jean-Marie, et al., "Identification and Distribution of Three Serologically Undetected Alleles of HLA-DR by Oligonucleotide-DNA Typing Analysis." Proc. Natl. Acad. Sci. USA, Vol. 85, pp. 198-202, 1988	
SS	CP1	Tiercy, Jean-Marie, et al., "DNA Typing of DRw6 Subtypes: Correlation with DRB1 and DRB3 Allelic Sequences by Hybridization with Oligonucleotide Probes." Hum. Immunol. 24, pp. 1-14 (1989)	
	CQ1	Salki, Randall K., et al., "Analysis of Enzymatically Amplified beta-globin and HLA-DQalpha DNA with	

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		Allele-Specific Oligonucleotide Probes." Nature, Vol. 324, pp. 163-166, 1986	
SS	CR1	Bugawan, Theodorica L., et al., "Analysis of HLA-DP Allelic Sequence Polymorphism Using the In Vitro Enzymatic NDA Amplification of DP- α and DP- β Loci." J. Immunol., Vol. 141, No. 12, pp. 4024-4030, 1988	
SS	CS1	Gyllenstein, Ulf B., et al., "Generation of Single-Stranded DNA by the Polymerase Chain Reaction and its Application to Direct Sequencing of the HLA-DQA Locus." Proc. Natl. Acad. Sci. USA, Vol. 85, pp. 7652-7656, 1988	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Applicant's unique citation designation number (optional). *Applicant is to place a check mark here if English language Translation is attached.

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